

MICROBIOLOGY ASSOCIATE IN SCIENCE DEGREE

PROGRAM CODE: 2S03821

This **Associate in Science Degree** is designed to introduce the student to the field of microbiology. Students who complete this degree will be prepared for further study in microbiology or related disciplines, or for entry level work in a biological sciences lab. This degree requires a total of 18-19 units of which 9 units are in required courses. An additional 9-10 units must be chosen from the list of restricted electives.

Code	Title	Units
Required Courses (9 units):		
BIOL 272 F	Cell and Molecular Biology	4
MICR 262 F	General Microbiology	5
Restricted Electives (9-10 units):		9-10
BIOL 276 F	Genetics and Evolutionary Biology	4
CHEM 111AF	General Chemistry I	5
CHEM 111BF	General Chemistry II	5
CHEM 211AF	Organic Chemistry I	5
CHEM 211BF	Organic Chemistry II	5
MATH 141 F	College Algebra	4
	or MATH 141HF Honors College Algebra	
MATH 142 F	Trigonometry	4
PHYS 205 F	Physics for the Life Sciences I	4
PHYS 206 F	Physics for the Life Sciences II	4
Total Units		18-19

Program Level Student Learning Outcomes

Outcome 1: Upon successful completion of courses leading to the Microbiology Associate in Science Degree, the student will be able to demonstrate an understanding of how the scientific method is used to explore topics in microbiology.

Outcome 2: Upon successful completion of courses leading to the Microbiology Associate in Science Degree, the student will be able to demonstrate safe and proficient use of laboratory equipment and techniques.

Outcome 3: Upon successful completion of courses leading to the Microbiology Associate in Science Degree, the student will be able to explain how molecular and cellular structures contribute to function.

https://www.curricunet.com/fullerton/reports/program_report.cfm?programs_id=622